

Amendments to the Claims

Please amend the claims as indicated below. This listing of the claims replaces all previous claim listings.

1. (Currently Amended) A composition comprising an embolic particle comprising a shape memory material,

wherein the particle is generally spherical and the shape memory material is not polyvinyl alcohol.

2. (Original) The composition of claim 1, wherein the shape memory material comprises a polymer.

3. (Original) The composition of claim 2, wherein the polymer is a material selected from the group consisting of polyurethane, polynorbornene, polymethylmethacrylate, poly(vinyl chloride), polyethylene, polyisoprene, styrene-butadiene copolymer, a rubber, and a photocrosslinkable polymer

4. (Original) The composition of claim 1, wherein the shape memory material comprises an alloy.

5. (Original) The composition of claim 4, wherein the alloy is a material selected from the group consisting of a nickel-titanium alloy.

6. (Original) The composition of claim 1, wherein the particle is non-bioabsorbable in a body.

7. (Original) The composition of claim 1, wherein the particle comprises a therapeutic agent.

8. (Original) The composition of claim 7, wherein the particle defines a cavity, and the therapeutic agent is in the cavity.

9. (Original) The composition of claim 1, wherein the particle comprises a radiopaque material.

10. (Original) The composition of claim 9, wherein the radiopaque material is selected from the group consisting of gold, tantalum, platinum, and tungsten.

11-16. (Cancelled).

17. (Original) The composition of claim 1, wherein the particle has a groove.

18-24. (Cancelled).

25. (Previously Presented) The composition of claim 1, wherein the particle comprises a portion capable of dissolving in a body.

26. (Original) The composition of claim 1, wherein the particle further comprises a second material that does not include a shape memory material.

27. (Previously presented) The composition of claim 26, wherein the second material is selected from the group consisting of polyester, nylon, polytetrafluoroethylene, polypropylene, poly-paraphenylene terephthalamide, silk, collagen, hair, and alginate.

28. (Cancelled).

29. (Currently Amended). The composition of claim 1, comprising a plurality of embolic particles, wherein at least one of the particles comprises the shape memory material, and the plurality of embolic particles do not include polyvinyl alcohol.

30. (Original) The composition of claim 29, further comprising a second plurality of embolic particles, a particle in the second plurality having a different shape than a particle in the plurality of embolic particles.

31. (Previously Presented) The composition of claim 29, comprising the generally spherical particle and a non-spherical particle.

32. (Original) The composition of claim 29, further comprising a second plurality of embolic particles, a particle in the second plurality having a different size than a particle in the plurality of embolic particles.

33. (Original) The composition of claim 29, further comprising a second plurality of embolic particles, a particle in the second plurality having a different hardness than a particle in the plurality of embolic particles.

34. (Original) The composition of claim 1, further comprising a second, non-solid embolic material.

35. (Original) The composition of claim 34, wherein the second embolic material is in the form of a liquid, a gel, or a foam.

36. (Original) The composition of claim 1, wherein the particle comprises a material capable of increasing in volume upon exposure to a predetermined stimulus.

37. (Original) The composition of claim 36, wherein the material comprises a hydrogel.

38. (Previously presented) The composition of claim 26, wherein the second material is selected from the group consisting of polyester, nylon, polytetrafluoroethylene, polypropylene, silk, collagen, hair, and alginate.

39. (Previously presented) The composition of claim 27, wherein the second material comprises polyethylene terephthalate.